

ZF08K4E-TF5

HCFC, R-22, 60 Hz, 3- Phase, 200/230 V
Low Temp, Liquid Injected

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	<u>-25 / 105</u>	<u>-40 / 105</u>
RG(°F)/Liq(°F)	<u>65.0 / 105.0</u>	<u>65.0 / 105.0</u>
Capacity (Btu/hr)	7800	5330
Power (W):	2040	1980
Current (Amps):	6.40	6.20
EER (Btu/Wh):	3.80	2.70
Mass Flow (lbs/hr):	104	71
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-	2.0 Avg	3.0 Max
Record Date:	2004-07-27	

Mechanical

Number of Cylinders:	0	Displacement(in ³ /Rev):	2.56
Bore Size(in):	0.00	Displacement(ft ³ /hr):	311.48
Stroke(in):	0.00		
Overall Length (in):	9.50	Mounting Length (in):	7.50
Overall Width (in):	9.50	Mounting Width (in):	7.50
Overall Height (in):	15.93	Mounting Height (in):	16.16 *
Suction Size (in),Type:	3/4 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	46		
Initial Oil Charge (oz):	50		
Net Weight (lbs):	60		
Internal Free Volume (in ³):	264.0		
Horse Power:	2.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	63.0	MCC (Amps):	11.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	28-Feb-1995
LRA Low* (Amp):		Max Operating Current	12.0		
RLA, MCC/1.4;use for contactor selection (Amp):	7.9				
RLA, MCC/1.56;use for breaker & wire size selection	7.1				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	50	3	200/220	Low Temp, Liquid Injected
R-134a HFC	60	3	200/230	Medium Temp, Liquid Injected
R-134a HFC	60	3	200/230	Low Temp, Liquid Injected
R-404A HFC	50	3	200/220	Medium Temp, Liquid Injected
R-404A HFC	50	3	200/220	Low Temp, Low Condensing
R-404A HFC	60	3	200/230	Medium Temp, Liquid Injected
R-404A HFC	60	3	200/230	Low Temp, Low Condensing
R-404A HFC	60	3	200/230	Low Temp, Liquid Injected
R-404A HFC	50	3	200/220	Low Temp, Liquid Injected
R-507 HFC	50	3	200/220	Medium Temp, Liquid Injected

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-507 HFC	50	3	200/220	Low Temp, Low Condensing
R-507 HFC	60	3	200/230	Medium Temp, Liquid Injected
R-507 HFC	60	3	200/230	Low Temp, Liquid Injected
R-507 HFC	50	3	200/220	Low Temp, Liquid Injected
R-22 HCFC	50	3	200/220	Medium Temp, Liquid Injected
R-22 HCFC	50	3	200/220	Low Temp, Liquid Injected
R-22 HCFC	60	3	200/230	Medium Temp, Liquid Injected
R-407A HFC	50	3	200/220	Low Temp, Liquid Injected
R-407A HFC	60	3	200/230	Low Temp, Liquid Injected
R-407F HFC	50	3	200/220	Low Temp, Liquid Injected
R-407F HFC	60	3	200/230	Low Temp, Liquid Injected
R-448A HFO	50	3	200/220	Medium Temp, Liquid Injected
R-448A HFO	50	3	200/220	Low Temp, Liquid Injected
R-448A HFO	60	3	200/230	Medium Temp, Liquid Injected
R-448A HFO	60	3	200/230	Low Temp, Liquid Injected
R-449A HFO	50	3	200/220	Medium Temp, Liquid Injected
R-449A HFO	50	3	200/220	Low Temp, Liquid Injected
R-449A HFO	60	3	200/230	Medium Temp, Liquid Injected
R-449A HFO	60	3	200/230	Low Temp, Liquid Injected